

INTERSTATE 805 MANAGED LANES

Total Project	Programmed	TEA-21 Reauthorization	FY 2005 Appropriation Requested
\$80m	\$0m	\$80m	\$4m

Phase I - Transit and Highway Operational Improvements

The Project:

This fully-completed project, estimated to cost \$2.2 billion, will create a 27-mile "Managed Lanes" facility in the median of Interstate 805 between State Route 905 and Interstate 5. It will feature four high occupancy vehicle (HOV) lanes, additional general purpose lanes, multiple access points between the HOV and general purpose lanes, and direct access ramps for buses and other high occupancy vehicles.

All-day, high-quality regional transit service will be operated on the facility. The lanes will be managed to allow solo drivers to pay a per trip fee to use the HOV lanes. This "Managed Lanes" technique has been successfully used in the region, providing additional funds for transit service.

(over)



*Improving mobility and
access along the backbone of
the San Diego region.*



The Need:	I-805 is the backbone of mobility in the urban core of the San Diego region. It is a key north-south corridor that traverses the most heavily populated portion of the region. Average daily traffic on I-805 ranges from 130,000 to 240,000 vehicles with daily congestion lasting between two and four hours. Demand on this corridor is expected to exceed 300,000 vehicles in 2030 with congestion lasting over six hours.
Project Cost:	Total costs for the freeway improvements and transit elements of the I-805 Managed Lanes are estimated at \$2.2 billion.
Project Status:	Caltrans and SANDAG will complete corridor and subregional studies for I-805 in 2005. Once completed, preliminary engineering and environmental studies will begin. Right-of-way acquisition (mainly for transit stations) and freeway operational improvements are scheduled to begin in 2009. All improvements are planned to be in place by 2020.
Funding Status:	SANDAG and Caltrans initiated a corridor study in summer 2003. Completion of the study, preliminary engineering and environmental studies are estimated to cost \$4 million. Design, initial right-of-way acquisition, and operational improvements are estimated at \$76 million.
Summary:	The I-805 Managed/HOV lane project will offer a premium level of service to transit users, ridesharers, and paying solo commuters during rush hours. During the off-peak periods, the Managed/HOV lanes could be used to facilitate trucking and goods movement through the region.

A high frequency bus rapid transit (BRT) system would operate in the Managed/HOV lanes, connecting South Bay and East County cities to major regional employment centers in downtown San Diego and Sorrento Valley.

I-805 begins less than one mile from the U.S.-Mexico border. It traverses the most heavily populated communities in the region and key employment centers. It is a busy commute route that also serves commercial and international traffic.

I-805 provides access to South Bay cities, San Diego's urban core, Mission Valley, Sorrento Valley, and the Miramar Marine Corps Air Station. It also connects with major east-west routes providing access to downtown San Diego and East County cities.